

**20 Sep 2010**

**GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar**

**Participants**

*FLL Team* – Marilyn Vasques, Ed Zipser, Gerry Heymsfield, Cerese Albers, Michele Garrett, Matt He, Instrument and Forecast teams

*Telecon*

Bjorn Lambrigtsen, Rich Blakeslee, Michael Goodman, Scott Braun, Bud Meins, Tim Miller

**Global Hawk Report**

- **Aircraft – green**
  - No fly day
  - NCAR Dropsonde team to arrive today
  - ATC Radio is repaired
- **Dropsonde – red**
  - Dropsonde went into vibration this morning.
  - Tuesday will be dropsonde ramp test and tech brief.
  - Wednesday will be the possible dropsonde test flights.
  - Thursday will be possible pre-flight.
  - Re-fly of Low Altitude test flight and high altitude flights in one day. Must be a weekday and have a chase plane.
- **HAMSR – green.**
- **LIP - green**
- **HIWRAP – yellow**
  - Some noise in 2-channels in the Ka band
  - Analyzing data

**WB-57 Report**

- **Aircraft - green**
- **HIRAD – green**
  - HIRAD removed from NASA926– but this is standard procedure since no targets in range. N926 to be used this week for pilot procedure
  - Crew ready to meet in Tampa. Just looking for a storm to fly.
  - WB-57 approved to extend flights until at least 30 September
  - Science team headed back to HSV waiting for storms to approach
- NAST-I still delayed – probably will not take part.

**DC8 Report**

- **Aircraft– green.**
  - Today DC8 goes to STX. Takeoff at 16Z. Ready for full science flight Tues. & Wed. returning to FLL on Wed. Planned takeoff from STX Tues. & Wed. at 16Z. This will end the GRIP Mission with the DC8.
  - West of Barbados around W62.
- **LASE – green.**

- LARGE – green.
- APR2 – green.
- DAWN – green.
- Microphysics – green
  - CSI cannot fly for the duration of GRIP
- MMS – green.
- Dropsonde – green.

## Science

- Work has begun on preparation of charts for NASA HQ briefing.
- Need platform scientist reports for GH
- This week consider flying intense localized systems – non-tropical cyclone but good convective events. Test the GH in these convective systems with lightning
- Tuesday is the last possible day to suitcase to STX
- Not considering flying a one-shot into a single storm
- Thursday-Friday would be the last two flight days if a storm is flyable. This decision would be made on Wednesday
- DC8 in Atlantic: If no Genesis or Rapid Intensification then look for Dust – possibly a 4-5 hr mission to satisfy LASE, LARGE and DAWN
- GH extension for LIP, HAMSR, HIWRAP? - If nothing on the horizon on 24Sep then these instruments may end their participation in the experiment